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(54) Title: **GLYCOSAMINOGLYCAN PEPTIDES DERIVED FROM CONNECTIVE TISSUES AND USE THEREOF IN THE PREVENTION OF ARTHRITIS AND OTHER DEGENERATIVE MEDICAL CONDITIONS**

(57) Abstract: The inventors sought to provide compositions and methods of prophylaxis to prevent these harmful immune responses in patients and to prevent the related undesirable symptoms biological tissue such as for example inflammation, cell injury, tissue injury, tissue degradation, tenderness, redness, joint stiffness, joint swelling, restricted mobility and reduced strength. The inventors found that prophylactic therapy of an animal comprising administering a pharmaceutical composition comprising a GAG-peptide complex, optionally together with a connective tissue derived polypeptide, prevented the onset of at least one undesirable symptom.



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